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27849
PATENT TRADEMARK OFFICE

TO: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Attorney Docket No.249/386 (must include alphanumeric codes if no inventors named)

UTILITY PATENT APPLICATION TRANSMITTAL (new nonprovisional applications under 37 CFR 1.53(b))

Transmitted herewith for filing is the patent application of:

INVENTOR(S): Chan-soo HWANG, Jae-hak CHUNG

TITLE: APPARATUS AND METHOD FOR TRANSMITTING AND RECEIVING SIGNALS USING MULTI-ANTENNAS

In connection with this application, the following are enclosed:

APPLICATION ELEMENTS:

XX	Specification - 28 TOTAL PAGES
(pı	referred arrangement:)
	-Descriptive Title of the Invention -Cross Reference to Related Applications -Statement Regard Fed sponsored R&D -Reference to Microfiche Appendix -Background of the Invention -Brief Summary of the Invention -Brief Description of the Drawings (if filed) -Detailed Description -Claim(s) -Abstract of the Disclosure
XX	Drawings - Total Sheets 3
XX	Declaration and Power of Attorney - Total Sheets2
	XX Newly executed (original or copy)
	Copy from a prior application (37 CFR 1.63(d))
	(relates to continuation/divisional boxes completed) - NOTE: Box below
	DELETION OF INVENTOR(S) - Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
	<u>Incorporation By Reference</u> (useable if copy of prior application Declaration being submitted)
	The entire disclosure of the prior application, from which a COPY of the oath or declaration is supplied as noted above, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
	Microfiche Computer Program (Appendix)
	Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) Computer Readable Copy Paper Copy (identical to computer copy) Statement verifying identify of above copies

Utility Patent Application Transmittal Attorney Docket No. 249/386
Page 2

<u>ACCOMPANYING APPLICATION PARTS</u>
XX Assignment Papers (cover sheet & document(s))
37 CFR 3.73(b) Statement (when there is an assignee)
English Translation Document (if applicable)
XX Information Disclosure Statement(IDS) with PTO-1449 Copies of IDS Citations
Preliminary Amendment
XX Return Receipt Postcard (MPEP 503)
Small Entity Statement(s)
Statement file in prior application, status still proper and desired.
XX Certified Copy of Priority Document(s) with Claim of Priority
(if foreign priority is claimed).
OTHER: Check for
If a <u>CONTINUING APPLICATION</u> , check appropriate box and supply the requisite information: Continuation Divisional Continuation-in-part (CIP) of prior application Serial No
Amend the specification by inserting before the first line the following sentence:This application is a continuation, divisional or continuation-in-part of application Serial No, filed
CORRESPONDENCE ADDRESS: LEE & STERBA, P.C address noted above. Telephone: (703) 525-0978 Fax Number: (703)-525-4265

FEE CALCULATIONS: (Small entity fees indicated in parentheses.)

(1) For	(2) Number Filed	(3) Number Extra	(4) Rate	(5) Basic Fee \$750.00 (\$375)
Total Claims	16 - 20 =	0	x \$18 (x \$9)	0.00
Independent Claims	6 - 3 =	3	x \$84 (x \$42)	252.00
Multiple Dependent Claims		\$280 (\$140)	0.00	
Assignment Re	cording Fee per p	\$40	40.00	
			TOTAL FEE:	1042.00

METHOD OF PAYMENT:

The Commissioner is hereby authorized to charge the fees connected with the filing of this application to Deposit Account No. 5-01645.

Respectfully submitted,

Date: August 29, 2003

Eugene M. Lee Reg. No. 32,039 Richard A. Sterba Reg. No. 43,162